

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

BH 1. (Currently Amended) Actuator, comprising a housing-(1), which contains a motor (2) and a screw mechanism-(3), said screw mechanism (3) comprising a screw (16) and a nut-(17) one of which is rotatably supported with respect to the housing-(1), and a gear reduction mechanism-(4) connecting the rotor (7) of the motor (2) to at least one of the rotatable scw (16) ~~or and the~~ nut-(17), said gear reduction mechanism (4) comprising at least a concentric gear ring (25) with radially inwardly directed teeth, an ~~excentrically~~ eccentrically positioned gear wheel (24)-having radially outwardly directed teeth wherein the outer diameter of the gear wheel (24) is smaller than the inner diameter of the gear ring-(25), such that the teeth of said gear wheel (24) and gear ring (25) engage each other along a part of their circumferences, and at an opposite part of their circumferences are out of engagement, said ~~excentric~~ eccentric gear wheel-(24) being ~~rotatable~~ rotatably accommodated on an ~~excentric~~ eccentrically shaped hub (23)-which is connected to the rotor (7)-of the motor-(2), ~~characterized in that~~ wherein the gear ring is integrated with the screw of the screw mechanism, said screw being rotatably supported with relation to the housing.

2. (Currently Amended) Actuator according to claim 1, wherein the rotor (7)-of the motor-(2) is rotatably supported on ~~the~~ an outer ring (10) of a support bearing-(11), said outer ring (10)-being integrated with the screw-(16) and the gear ring-(25).

3. (Currently Amended) Actuator according to claim 2, wherein the rotor (7)-by means of a radially inwardly extending flange (21) is connected to the ~~excentric~~ eccentrically shaped hub-(23).

4. (Currently Amended) Actuator according to claim 3, wherein a positive back-drive mechanism (30)-is connected to the flange-(21) and the housing-(1).

5. (Currently Amended) Actuator according to claim 4, wherein the positive back-drive mechanism is a spiral spring-(30).

6. (Currently Amended) Actuator according to claim 1, wherein the ~~exterie-~~
eccentric gear wheel-(24) is rotatably supported with respect to the ~~excentric~~ eccentrically
shaped hub (23)-by means of a rolling element bearing-(30).

7. (Currently Amended) Actuator according to claim 1, wherein the motor-(2) is an electric motor, the stator-(6) of which is connected to the housing-(1).

8. (Currently Amended) Actuator according to claim 1, wherein the gear reduction mechanism-(4) is at the end of the screw mechanism (3)-opposite the end thereof engaging an actuating means-(38) for a brake pad-(39).

9. (Currently Amended) Actuator according to claim 1, wherein the screw (16)-
of the screw mechanism (3)-is rotatably supported by means of a support bearing-(11) with
respect to a central support shaft-(13), the gear ring (23)-and the gear wheel-(24) of the
reduction gear mechanism-(4) surrounding said central support shaft-(13).

10. (Currently Amended) Actuator according to claim 1, wherein the screw (16)-
has a bore-(35) containing a lubricant reservoir-(36).

11. (Currently Amended) Actuator according to claim 1, wherein the gear reduction mechanism-(4) and a positive back-drive mechanism-(37)-are contained in a gear reduction module-(40).

12. (Currently Amended) Actuator according to claim 1, wherein the gear reduction module-(40) comprises a central support shaft-(13) for supporting the screw mechanism-(3).

13. (Currently Amended) Actuator according to claim 1, wherein the screw mechanism-(3), a support bearing-(11) for supporting the screw mechanism-(3), the rotor (7)-

of the motor-(2) as well as a bearing (9) for supporting the rotor-(7) on the screw mechanism (3)-are contained in a actuator module-(41).

14. (Currently Amended) Actuator according to claim 1, wherein the housing-(1), the stator-(6) and electric connections for the motor-(2) are contained in a housing module-(42).

15. (Currently Amended) Brake caliper, comprising a claw piece with at least two brakes, and an actuator according to claim 1.